

The Australian Bureau of Statistics Population Clock



Task:

On the ABS website home page the time clock tells us that the Australian population grows by one person every 1 minute and 20 seconds.

This projection is based on the estimated resident population at **31 December 2012** and when we click on 'How does this work?' we see that this growth rate is based on:

- one birth every 1 minute and 43 seconds,
- one death every 3 minutes and 34 seconds,
- a net gain of one international migrant every 2 minute and 15 seconds leading to
- an overall total population increase of one person every 1 minute and 20 seconds.

1. Is this time (1 minute and 20 seconds) exact or has it been rounded up or down?
2. How many different ways can you solve the question 'How often does our population grow by one?'

3. The population found using this model is a 'projection'. What does this mean?

4. Record the population shown on the current on line population clock. Use your results to estimate the date that the time clock shown on the top of this page appeared on the ABS website.

- 5.** Visit the ABS website to see if you can find other data related to our current population. Write down the value (s) you find and on what source (s) it was based.

